

Form PTG 1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No.	989_001DIV2	Serial No.
	Applicant	James E. Moon et al.	
	Filing Date	Group 1763	



1036 U.S. PTO
10/003851
11/02/01

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

		
Examiner	<u>McC. Ober</u>	Date Considered
		9/28/03

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Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APR 24 2003	Atty Docket No. 989_001DIV2	Serial No. 10/003,851
	APR 25 2003 TC 1100	Applicant James E. Moon et al.	
	Filing Date November 02, 2001	Group 1746 1763	

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
Xue	AG	4,764,244	08/16/1998	Chitty et al.	—	—	06/11/1985
	AH	5,131,978	07/21/1992	O'Neill	—	—	06/07/1990
	AI	5,628,917	05/13/1997	MacDonald et al.	—	—	02/03/1995
	AJ	5,658,471	08/19/1997	Murthy et al.	—	—	09/22/1995
	AK	5,683,591	11/04/1997	Offenberg	—	—	11/27/1995
	AL	5,690,841	11/25/1997	Elderstig	—	—	06/10/1996
Xue	AM	5,717,251	02/10/1998	Hayashi et al.	—	—	08/05/1996

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
Xue	AN DE 44 42 023	05/30/1996	Germany	—	—	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

Xue	AO	Desai, Amish, et al., <i>A MEMS Electrospray Nozzle for Mass Spectroscopy</i> , 1997, pp. 927-930.
	AP	Dole, Malcom, et al., <i>Molecular Beams of Macroions</i> , 1968, pp. 2240-2249.
	AQ	Harrison, D. Jed, et al., <i>Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip</i> , 1993, pp. 895-897.
	AR	He, Bing, et al., <i>Fabrication of Nanocolumns for Liquid Chromatography</i> , 1998, pp. 3790-3797.
	AS	Jacobson, Stephen C., et al., <i>High-Speed Separations on a Microchip</i> , 1994, pp. 1114-1118.
	AT	Jacobson, Stephen C., et al., <i>Open channel Electrochromatography on a Microchip</i> , 1994, pp. 2369-2373.
	AU	Ramsey, R.S., et al., <i>Generating Electrospray from Microchip Devices Using Electroosmotic Pumping</i> , 1997, pp. 1174-1178.
	AV	Smith, David P., <i>The Electrohydrodynamic Atomization of Liquids</i> , 1986, pp. 527-535.
	AW	Wang, Xuan-Oi, et al., <i>Polymer-Based Electrospray Chips for Mass Spectrometry</i> , 1999, pp. 523-528.
	AX	Wilm, Matthias et al., <i>Analytical Properties of the Nanoelectrospray Ion Source</i> , 1996, pp. 1-8.
	AY	Xue, Gifeng, et al., <i>Multichannel Microchip Electrospray Mass Spectrometry</i> , 1997, pp. 426-430.
Xue	AZ	Yamashita, Masamichi, et al., <i>Electrospray Ion Source. Another Variation of the Free-Jet Theme</i> , 1984, pp. 4451-4459.
Examiner <i>Alla Ola</i>		Date Considered 9/28/03

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		Filing Date November 02, 2001	Group 1763

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
<i>Heo</i>	BA	5,043,043	08/27/1991	Howe et al.			06/22/1990
<i>Heo</i>	BB	5,804,084	09/08/1998	Nasby et al.			10/11/1996
<i>Heo</i>	BC	6,071,819	06/06/2000	Tai et al.			01/23/1998

FOREIGN PATENT DOCUMENTS

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